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Salesforce



19881

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## VINYL COMPOUNDS

### 19881 Flexible

| PRODUCT DESCRIPTION                                                                                                                                                                                                                      |               |                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------|
| <p>This flexible compound is formulated to provide excellent clarity for a variety of building wire and insulation applications. This compound can service temperatures up to 105°C with a minimum wall thickness of 30 millimeters.</p> |               |                       |
| GENERAL PROPERTIES                                                                                                                                                                                                                       | TYPICAL VALUE | TEST METHOD           |
| Specific Gravity (+/- 0.02)                                                                                                                                                                                                              | 1.24          | ASTM D-792            |
| Hardness Delayed, Shore A (+/- 3)                                                                                                                                                                                                        | 88            | ASTM D-2240           |
| MECHANICAL PROPERTIES                                                                                                                                                                                                                    | TYPICAL VALUE | TEST METHOD           |
| Tensile Strength, psi                                                                                                                                                                                                                    | 2750          | ASTM D-638            |
| Tensile Strength, MPa                                                                                                                                                                                                                    | 19            | ASTM D-638            |
| Elongation, %                                                                                                                                                                                                                            | 375           | ASTM D-638            |
| 100% Modulus, psi                                                                                                                                                                                                                        | 1750          | ASTM D-638            |
| 100% Modulus, MPa                                                                                                                                                                                                                        | 12            | ASTM D-638            |
| THERMAL PROPERTIES                                                                                                                                                                                                                       | TYPICAL VALUE | TEST METHOD           |
| Low-Temperature Brittle Point, °C                                                                                                                                                                                                        | -25           | ASTM D-746            |
| FLAMMABILITY PROPERTIES                                                                                                                                                                                                                  | TYPICAL VALUE | TEST METHOD           |
| Limited Oxygen Index, %                                                                                                                                                                                                                  | 23.5          |                       |
| OTHER PROPERTIES                                                                                                                                                                                                                         | TYPICAL VALUE | TEST METHOD           |
| Air Aging                                                                                                                                                                                                                                |               | 7d@136C 30mil plaques |
| Air Aging Elongation Retention, %                                                                                                                                                                                                        | 76.2          | UL 1581               |
| ADDITIONAL INFORMATION                                                                                                                                                                                                                   | TYPICAL VALUE | TEST METHOD           |
| Recommended Stock Temperature, °F                                                                                                                                                                                                        | 370           |                       |

Revised Date:10/29/2019

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